

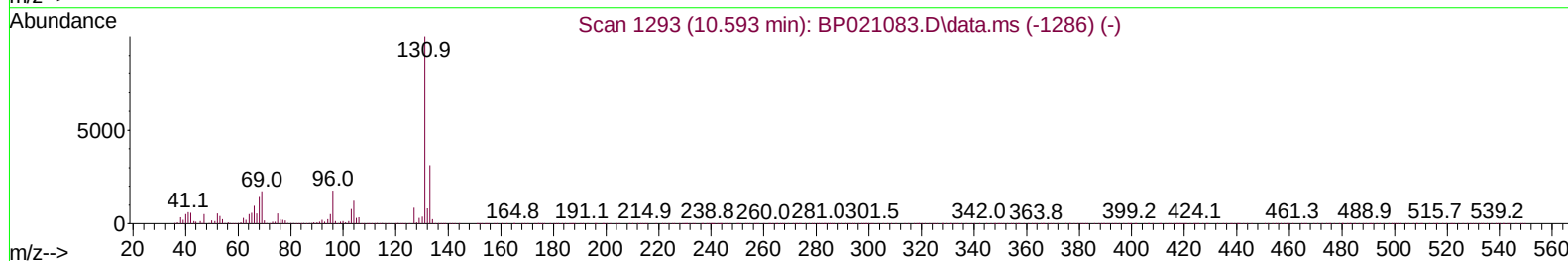
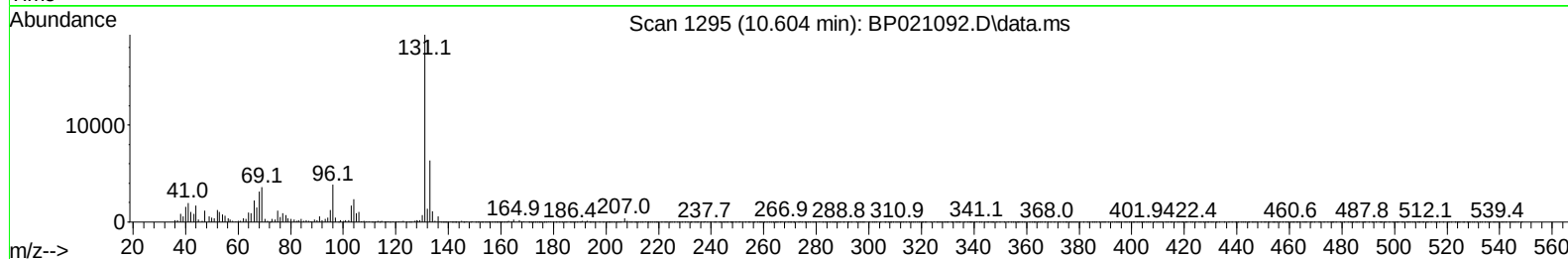
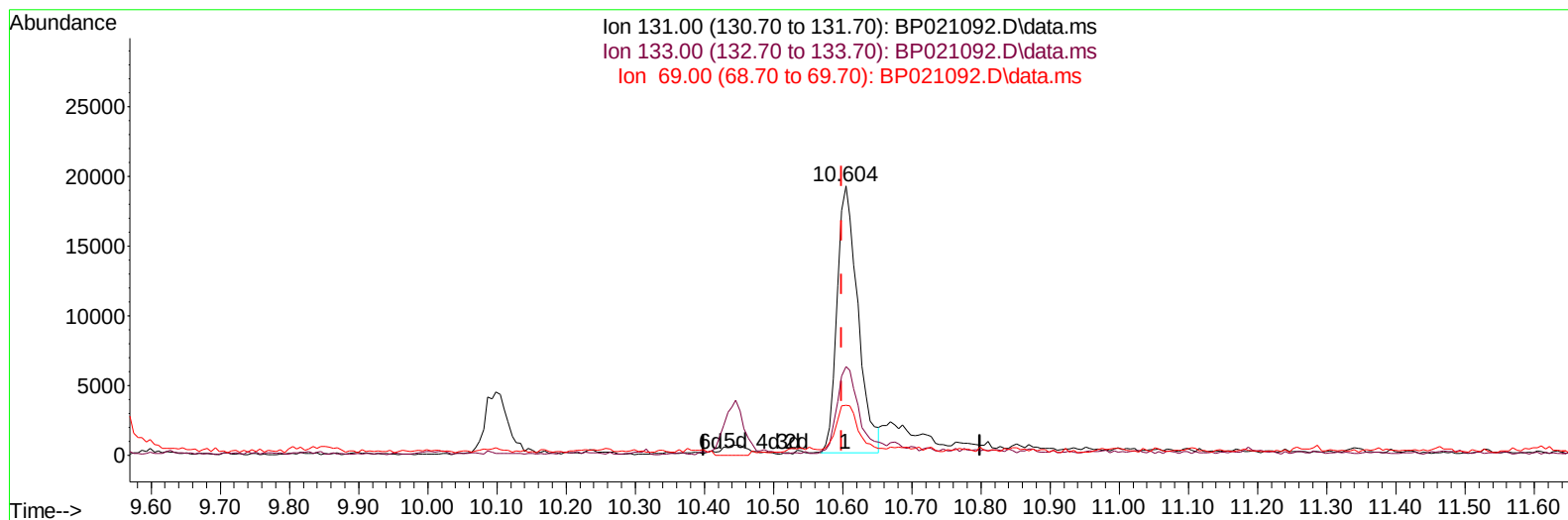
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021092.D
Acq On : 22 Jul 2024 18:22
Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF7

Manual IntegrationsAPPROVED

Quant Time: Jul 23 01:55:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BP021092.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.604min (+ 0.006) 2.10 ng/ul

response 40163

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.50	33.00
69.00	17.40	18.56
0.00	0.00	0.00

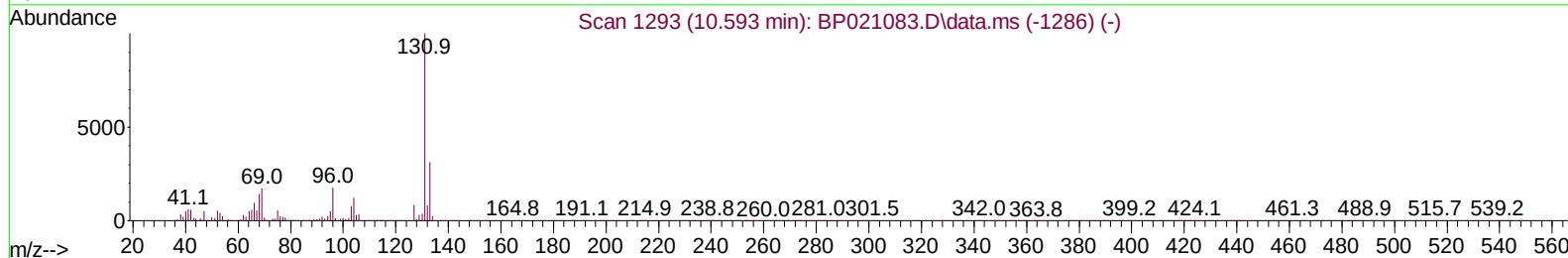
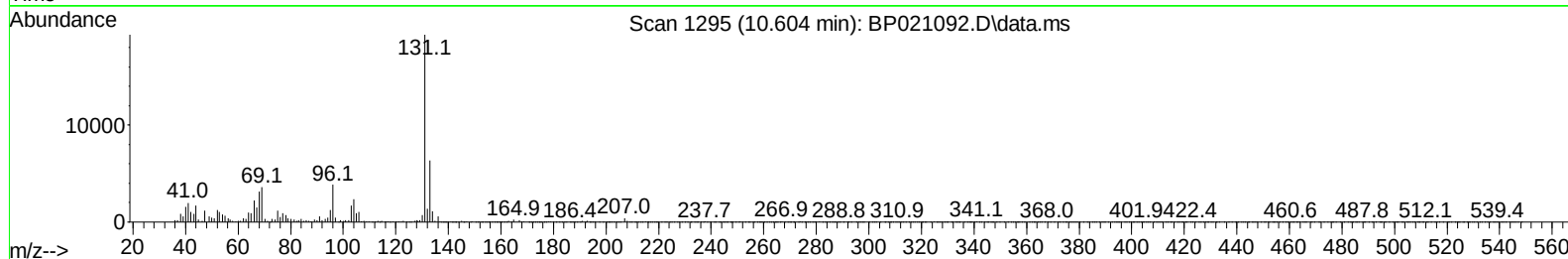
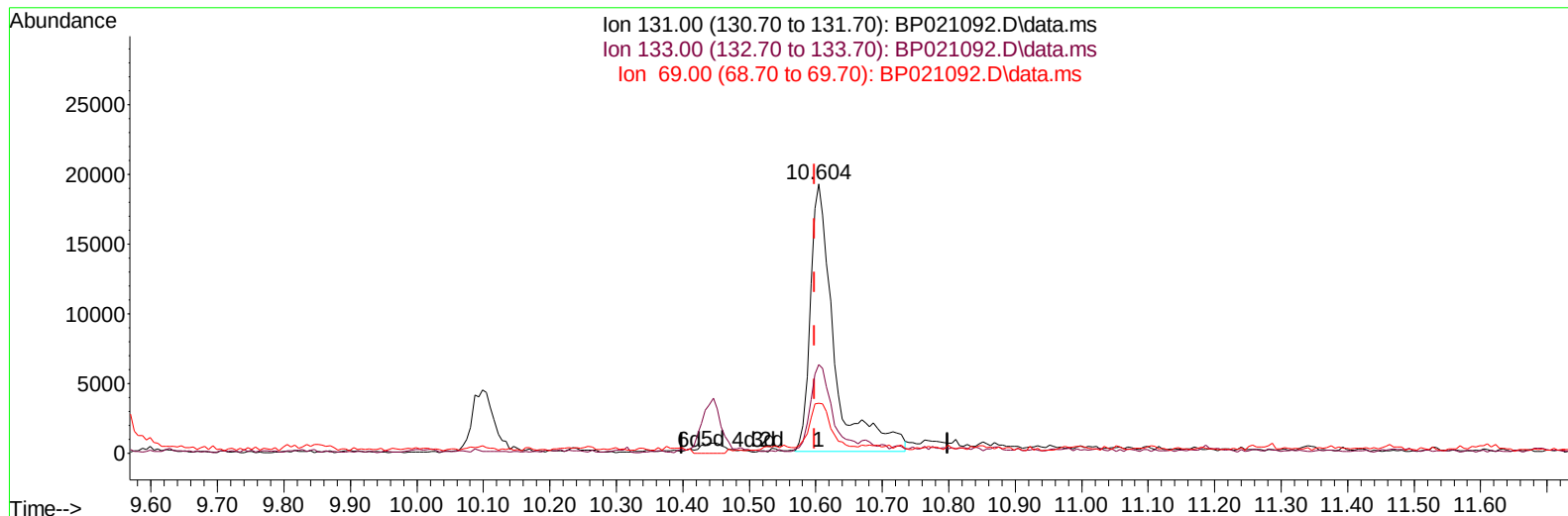
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021092.D
Acq On : 22 Jul 2024 18:22
Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF7

Manual IntegrationsAPPROVED

Quant Time: Jul 23 01:55:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BP021092.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.604min (+ 0.006) 2.53 ng/ul m

response 48232

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.50	33.00
69.00	17.40	18.56
0.00	0.00	0.00

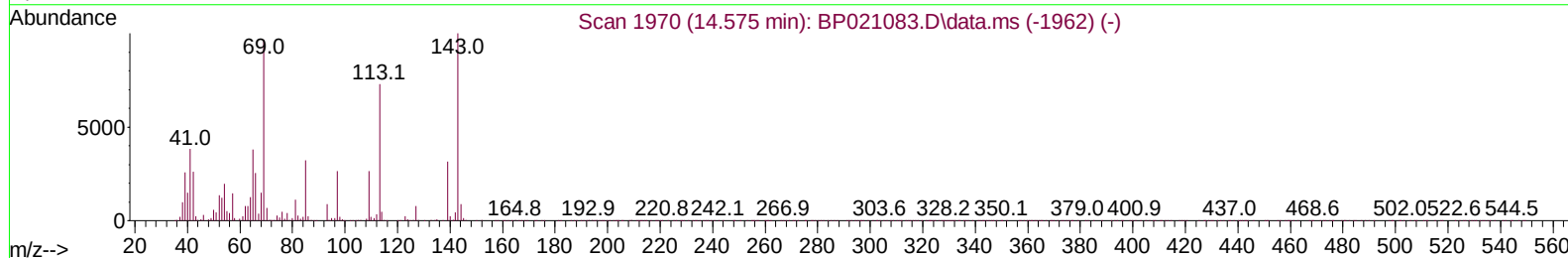
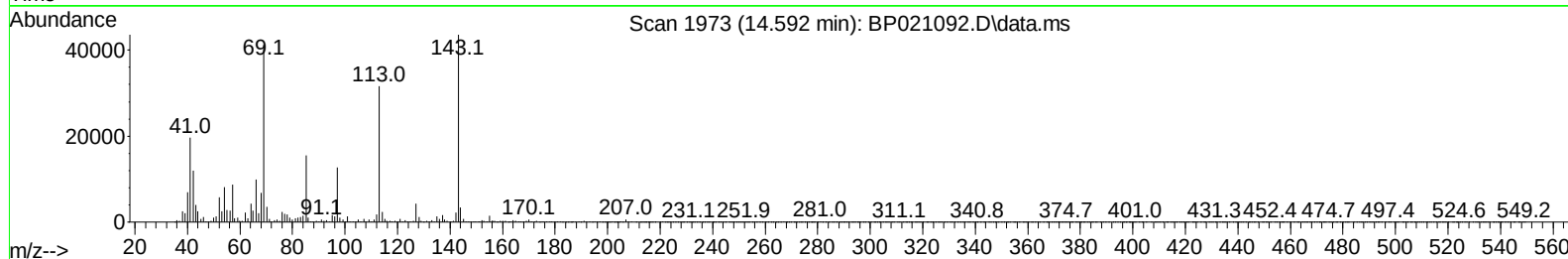
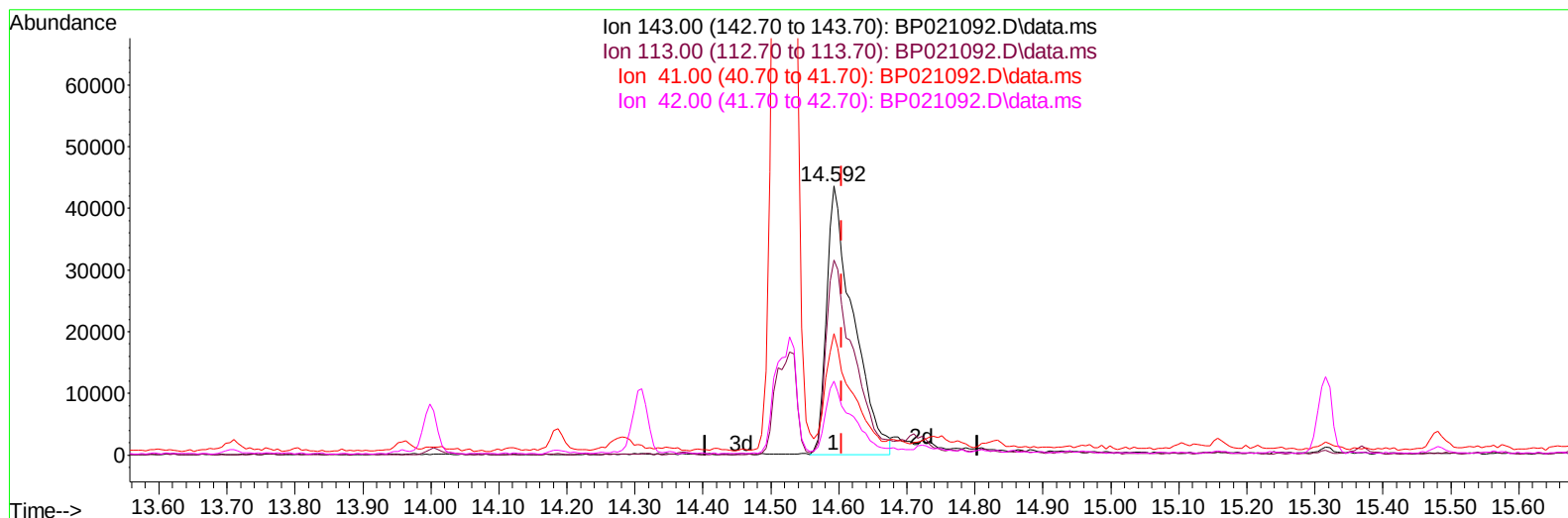
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021092.D
Acq On : 22 Jul 2024 18:22
Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF7

Manual IntegrationsAPPROVED

Quant Time: Jul 23 01:55:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BP021092.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.592min (-0.012) 19.84 ng/u1

response 118564

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	72.56
41.00	37.90	45.13
42.00	27.10	27.43

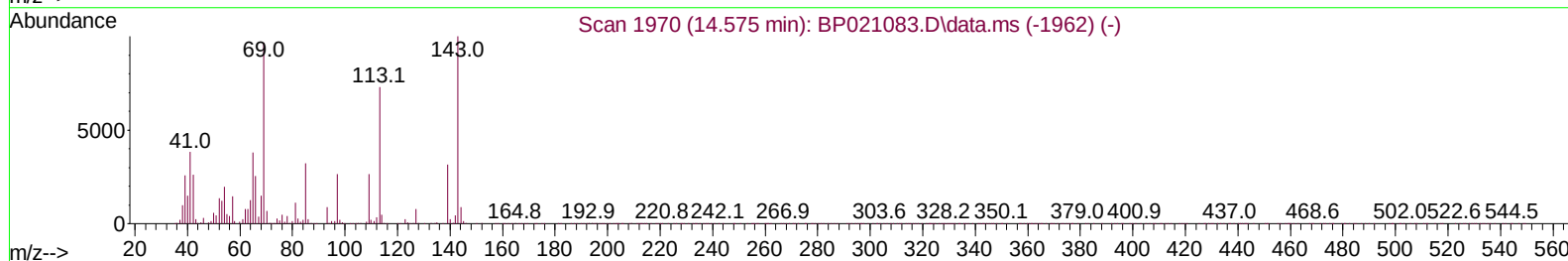
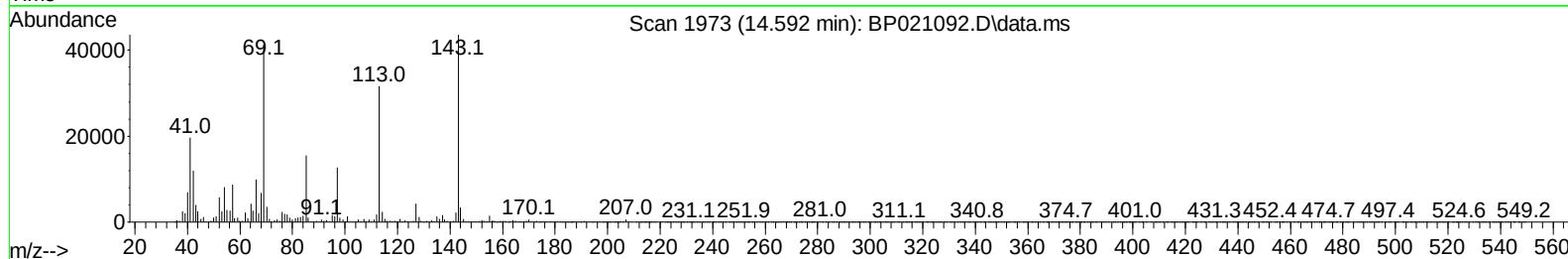
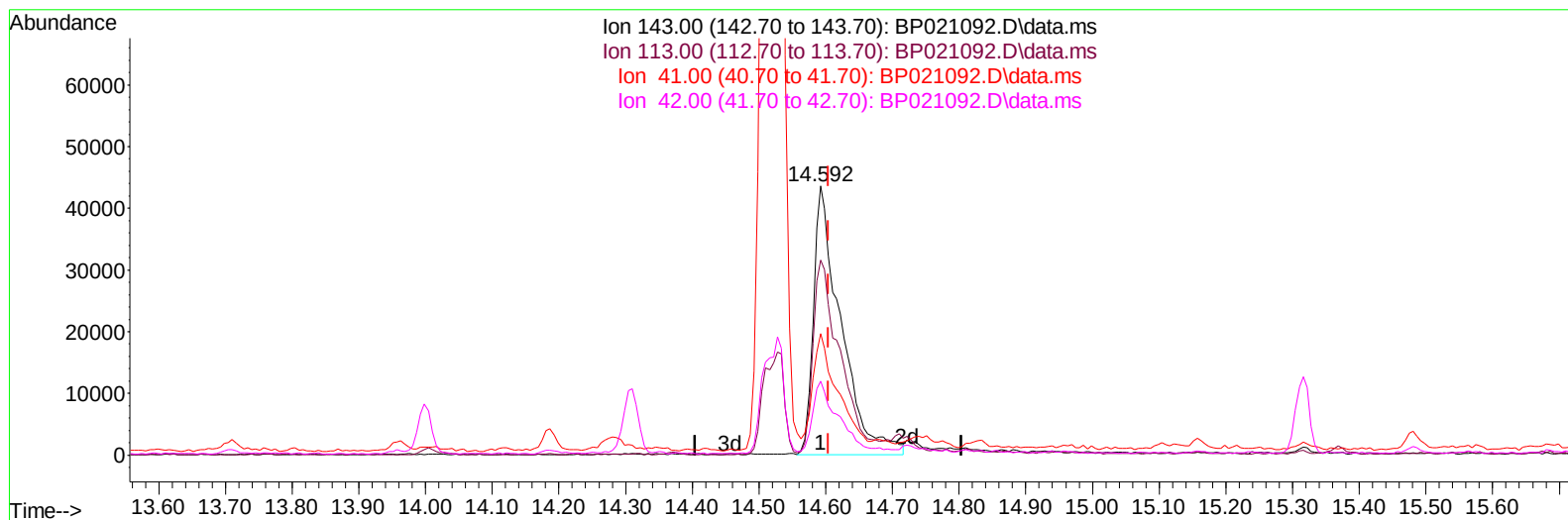
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021092.D
Acq On : 22 Jul 2024 18:22
Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF7

Manual IntegrationsAPPROVED

Quant Time: Jul 23 01:55:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BP021092.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.592min (-0.012) 20.85 ng/ul m

response 124652

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	72.56
41.00	37.90	45.13
42.00	27.10	27.43

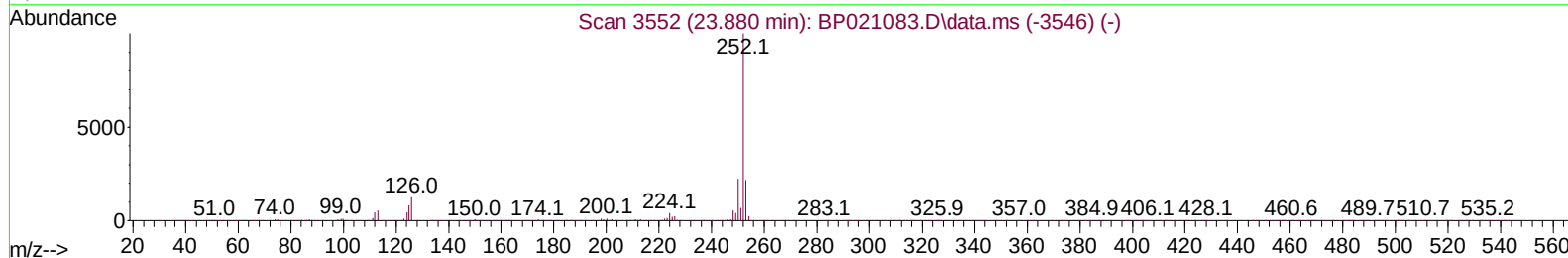
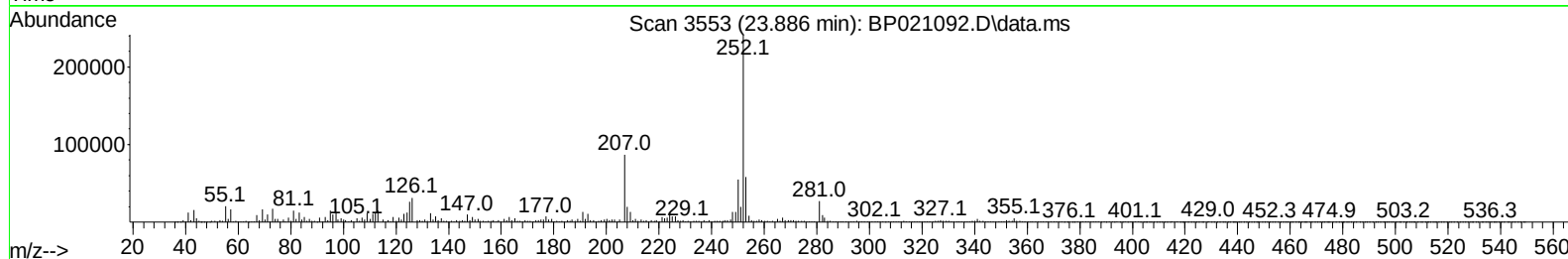
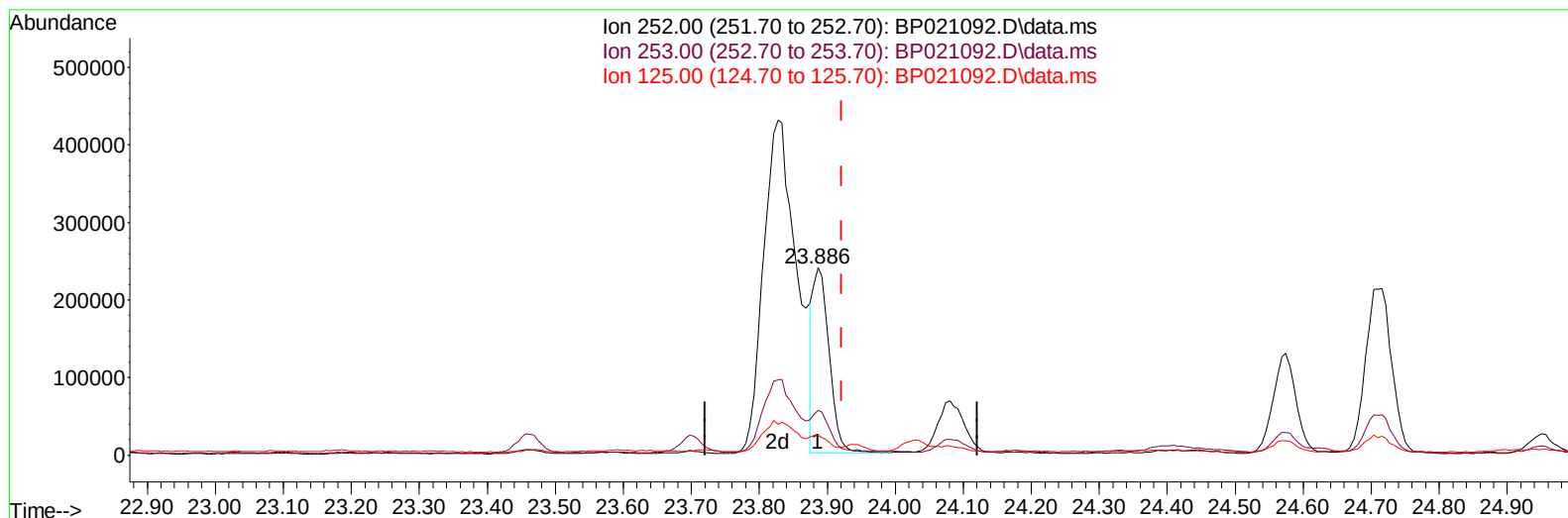
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021092.D
Acq On : 22 Jul 2024 18:22
Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF7

Manual IntegrationsAPPROVED

Quant Time: Jul 23 01:55:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BP021092.D\data.ms

(91) Benzo(k)fluoranthene

23.886min (-0.035) 4.66 ng/u1

response 392256

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	24.05
125.00	9.20	10.80
0.00	0.00	0.00

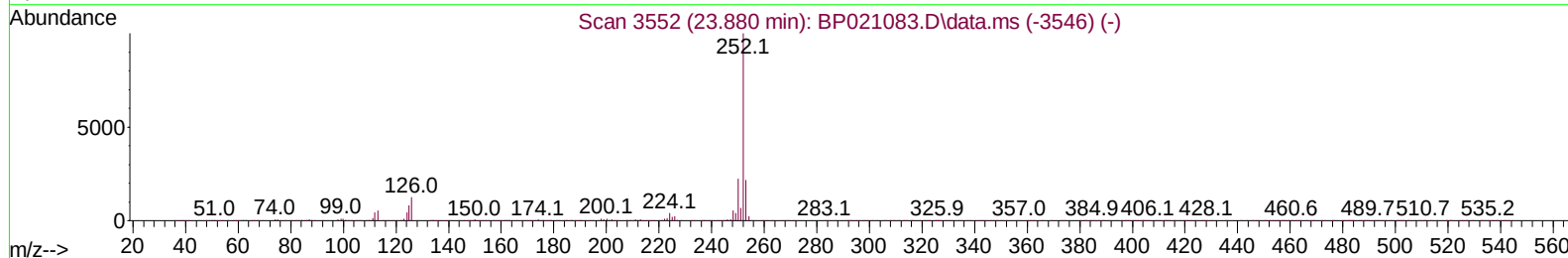
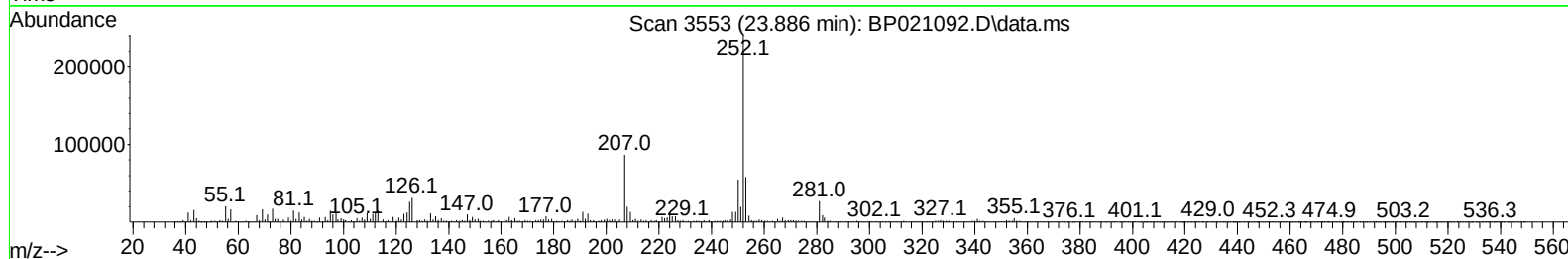
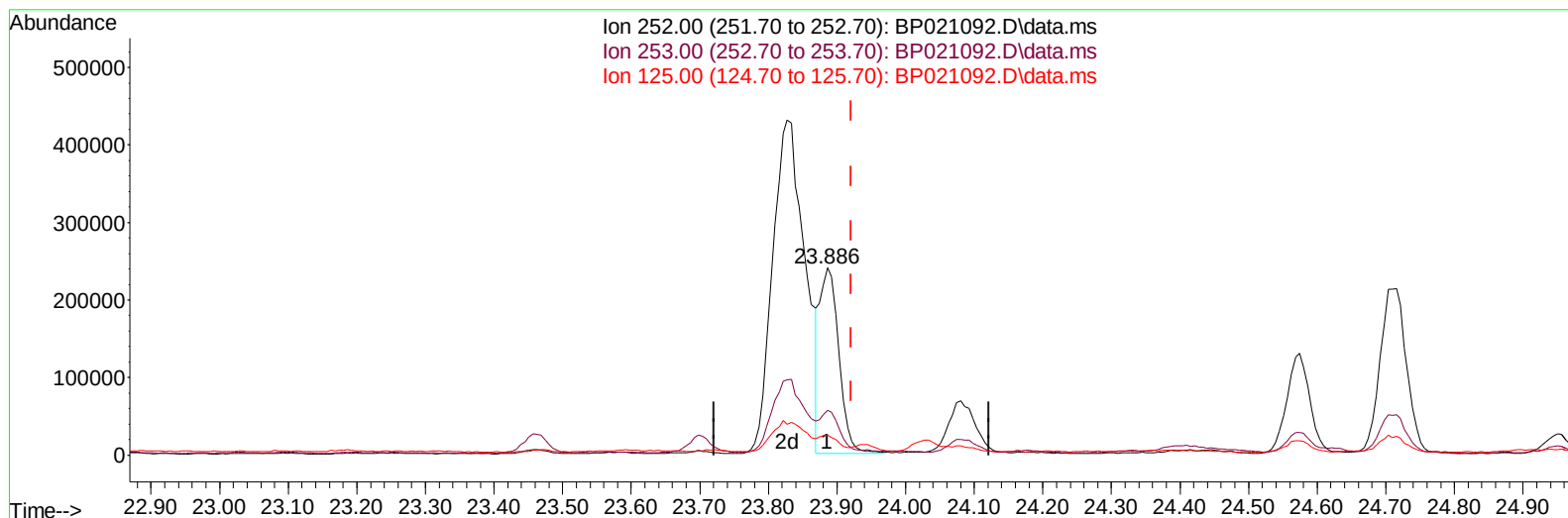
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021092.D
Acq On : 22 Jul 2024 18:22
Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF7

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 23 01:55:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration



TIC: BP021092.D\data.ms

(91) Benzo(k)fluoranthene

23.886min (-0.035) 5.50 ng/u1 m

response 463677

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	24.05
125.00	9.20	10.80
0.00	0.00	0.00

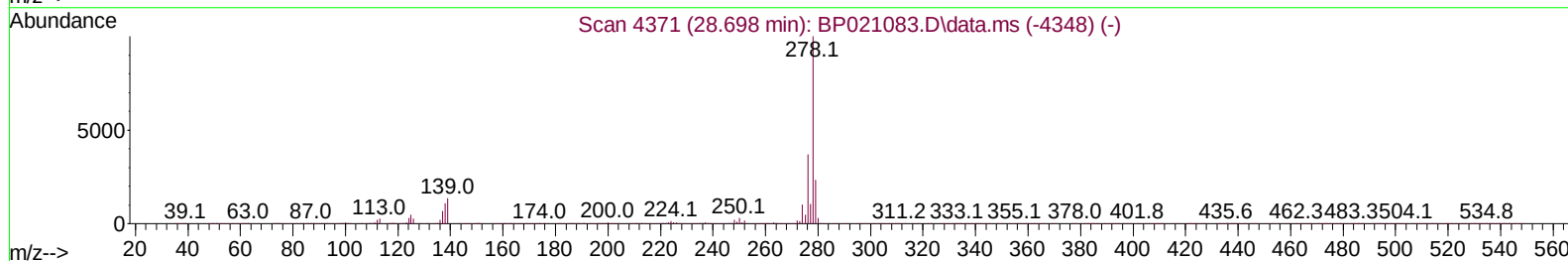
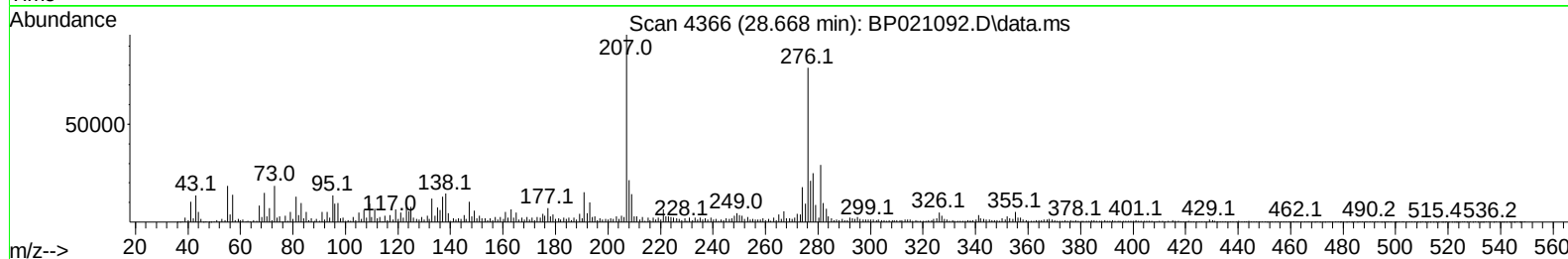
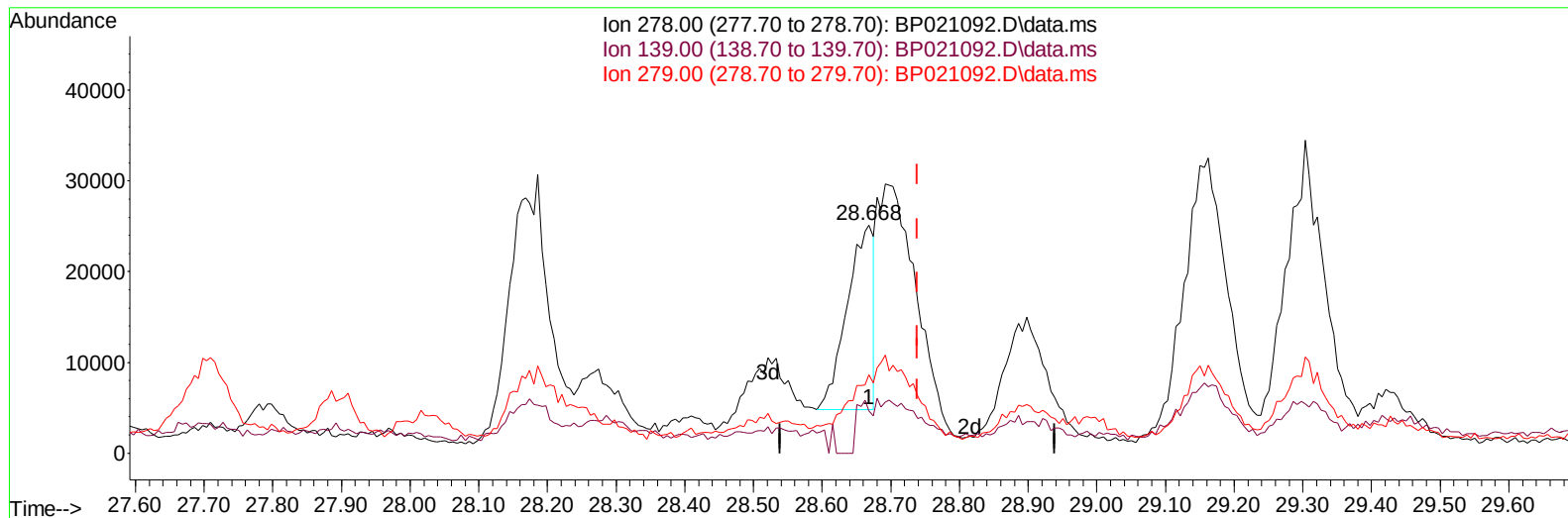
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021092.D
Acq On : 22 Jul 2024 18:22
Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF7

Manual IntegrationsAPPROVED

Quant Time: Jul 23 01:55:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BP021092.D\data.ms

(95) Dibenzo(a,h)anthracene

28.668min (-0.071) 0.64 ng/u1

response 54201

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	18.48#
279.00	24.20	34.36#
0.00	0.00	0.00

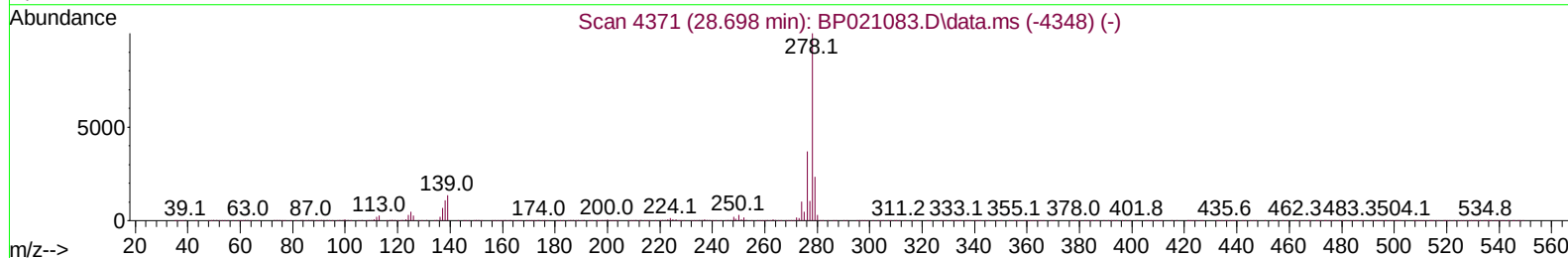
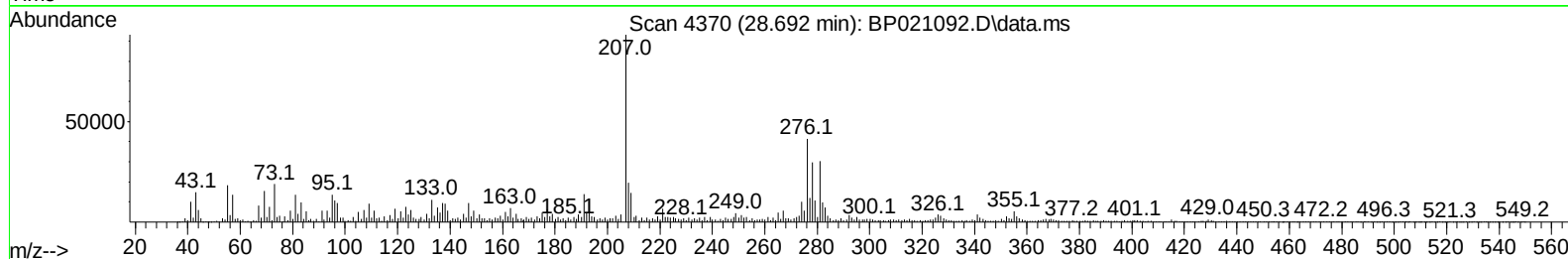
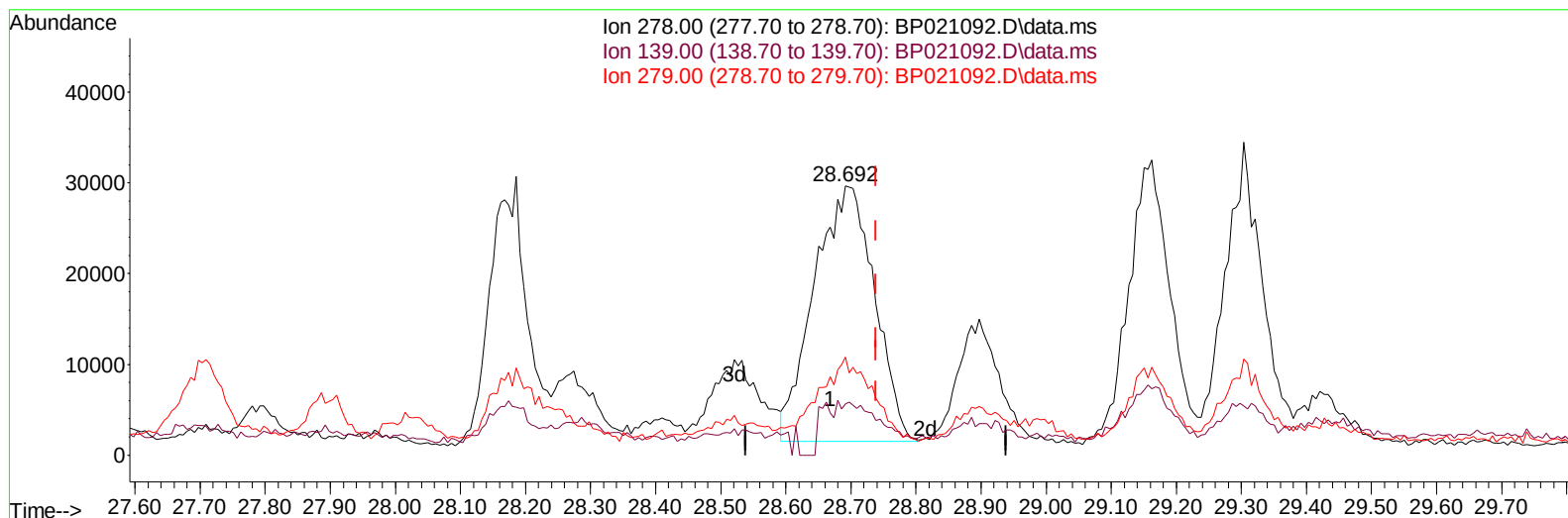
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021092.D
Acq On : 22 Jul 2024 18:22
Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF7

Manual IntegrationsAPPROVED

Quant Time: Jul 23 01:55:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BP021092.D\data.ms

(95) Dibenzo(a,h)anthracene

28.692min (-0.047) 2.14 ng/ul m

response 181955

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	18.99#
279.00	24.20	36.47#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
 Data File : BP021092.D
 Acq On : 22 Jul 2024 18:22
 Operator : MA/JU
 Sample : P3238-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BF7

Manual IntegrationsAPPROVED

Quant Time: Jul 23 04:44:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 18 14:23:21 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	217399	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.440	136	896425	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.310	164	577913	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.122	188	1268555	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	1175459	20.000	ng/ul	-0.02
88) Perylene-d12	24.874	264	1391366	20.000	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	15016	3.143	ng/uL	0.00
4) Pyridine-d5	3.658	84	56864	4.111	ng/ul	0.00
7) Phenol-d5	6.893	99	369089	20.824	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.028	67	206859	19.259	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.234	132	305144	20.896	ng/ul	0.00
15) 4-Methylphenol-d8	8.405	113	280874	19.080	ng/ul	-0.01
21) Nitrobenzene-d5	8.834	128	143579	20.621	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.540	143	163360	20.499	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	294672	20.449	ng/ul	0.00
31) 4-Chloroaniline-d4	10.604	131	48232m	2.527	ng/ul	0.00
46) Dimethylphthalate-d6	13.710	166	858079	20.425	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	1010260	21.416	ng/ul	0.00
54) 4-Nitrophenol-d4	14.592	143	124652m	20.854	ng/ul	-0.01
60) Fluorene-d10	15.316	176	786159	22.810	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	57186	7.451	ng/ul	0.00
73) Anthracene-d10	17.222	188	1228410	21.802	ng/ul	0.00
81) Pyrene-d10	19.604	212	1333032	18.343	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.645	264	1111274	16.194	ng/ul	-0.04
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.028	152	64588	1.209	ng/ul	97
52) Acenaphthene	14.375	153	83327	2.351	ng/ul	96
56) Dibenzofuran	14.716	168	60822	1.253	ng/ul	98
61) Fluorene	15.369	166	83289	2.103	ng/ul	99
72) Phenanthrene	17.169	178	1381522	20.993	ng/ul	100
74) Anthracene	17.257	178	354883	5.290	ng/ul	100
77) Carbazole	17.545	167	153735	2.803	ng/ul	96
80) Fluoranthene	19.257	202	2297823	26.182	ng/ul	100
82) Pyrene	19.633	202	1651619	18.494	ng/ul	100
85) Benzo(a)anthracene	21.545	228	1018784	12.373	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.451	149	118109	2.206	ng/ul#	99
87) Chrysene	21.610	228	1016061	13.280	ng/ul	98
90) Benzo(b)fluoranthene	23.827	252	1395082	16.523	ng/ul	98
91) Benzo(k)fluoranthene	23.886	252	463677m	5.503	ng/ul	
93) Benzo(a)pyrene	24.715	252	564428	7.074	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.651	276	544065	5.292	ng/ul	97
95) Dibenzo(a,h)anthracene	28.692	278	181955m	2.137	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021092.D
Acq On : 22 Jul 2024 18:22
Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF7

Manual IntegrationsAPPROVED

Quant Time: Jul 23 04:44:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024

